

ABSTRACT OF THE INVENTION

Disclosed are a solid-state image-pickup device and a driving method thereof, more particularly, the present invention relates to a solid-state image-pickup device comprising a sensor array comprising a plurality of sensors; and a plurality of transfer registers for transferring signal charges from said sensors of said sensor array, wherein an accumulation gate for reading out signal charges from said sensors at the same time, accumulating said signal charges and allocating said signal charges to said transfer registers is provided between said sensor array and said transfer registers.

As a result, it is possible to provide a solid-state image-pickup device capable of producing a good signal output by eliminating variations in sensitivity from sensor to sensor and a deviation in signal-charge fetching between sensors and to provide a method of driving the solid-state image-pickup device.